

FIG. 1 is a schematic diagram of a hard disk drive assembly. The diagram shows a top-down view of the drive's internal components. A central hub (30) is surrounded by a circular disk (10). A radial arm (40) is positioned over the disk, with a read/write head (41) at its tip. The arm is connected to a pivot point (42) and a support structure (44). A control circuit (50) is shown at the bottom, connected to the arm via a data bus (55). A magnetic head (60) is shown in a retracted position. Various other components are labeled with numbers 10, 20, 21, 22, 30, 40, 41, 42, 44, 46, 47, 50, 55, 56, and 60.

FIG. 2 (PRIOR ART)

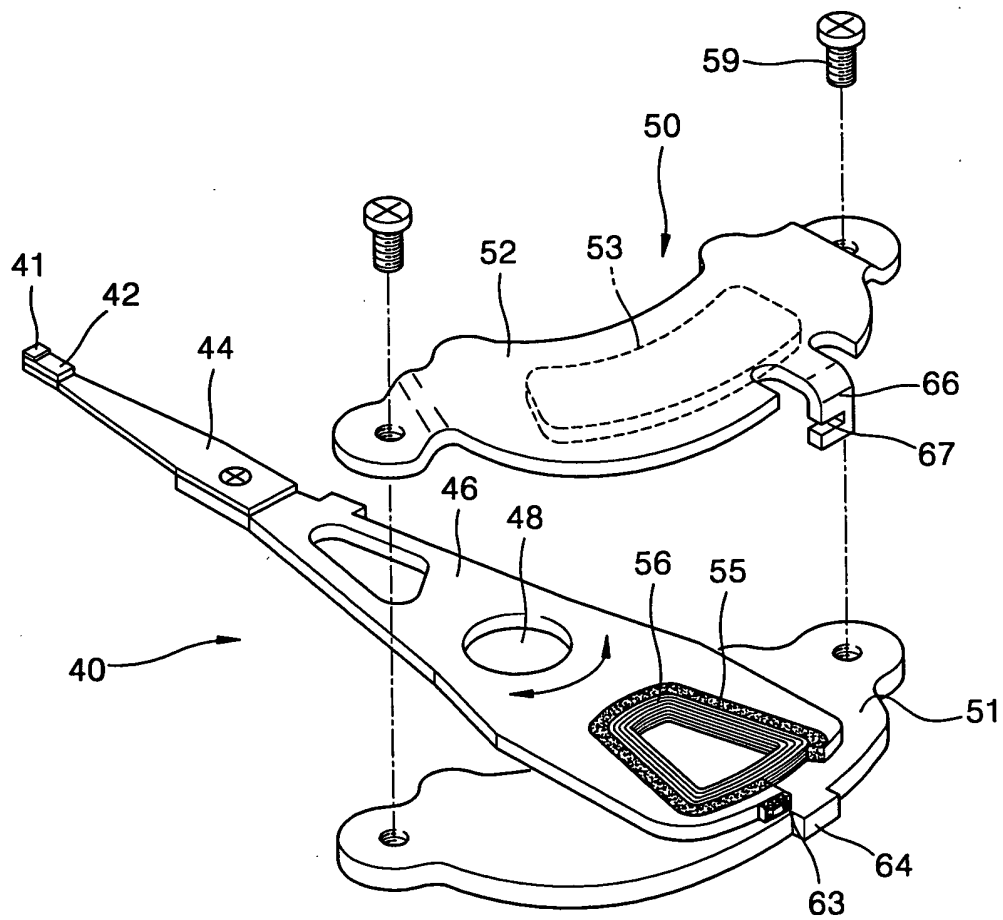


FIG. 3 (PRIOR ART)

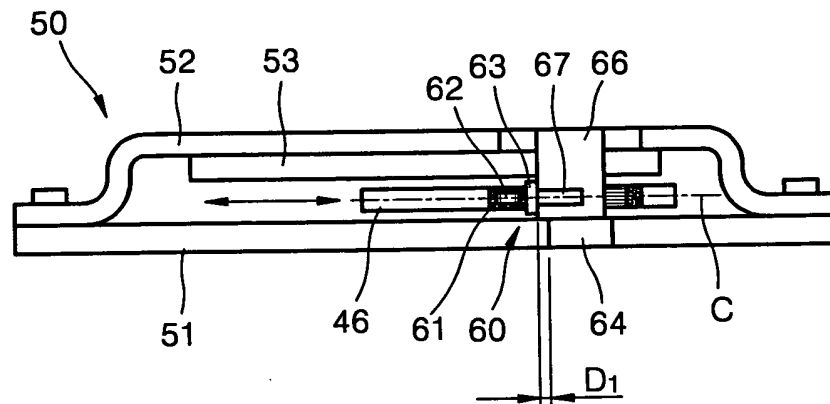


FIG. 4 (PRIOR ART)

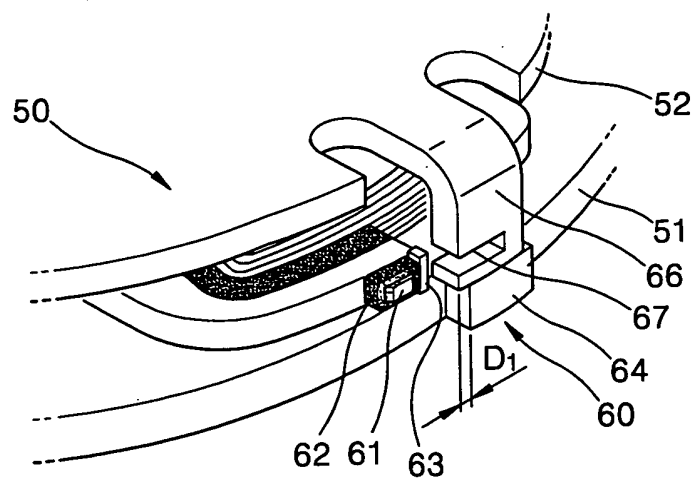


FIG. 5 (PRIOR ART)

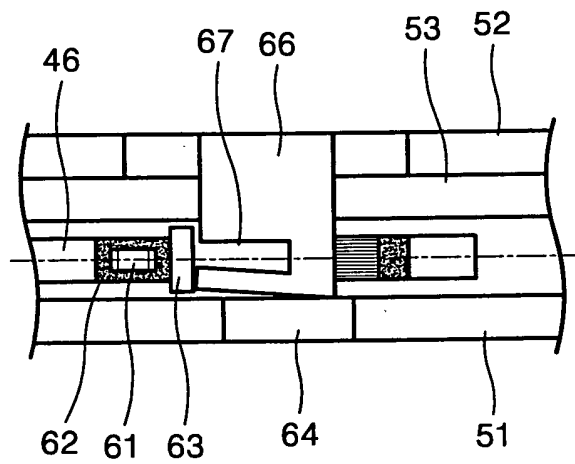


FIG. 6

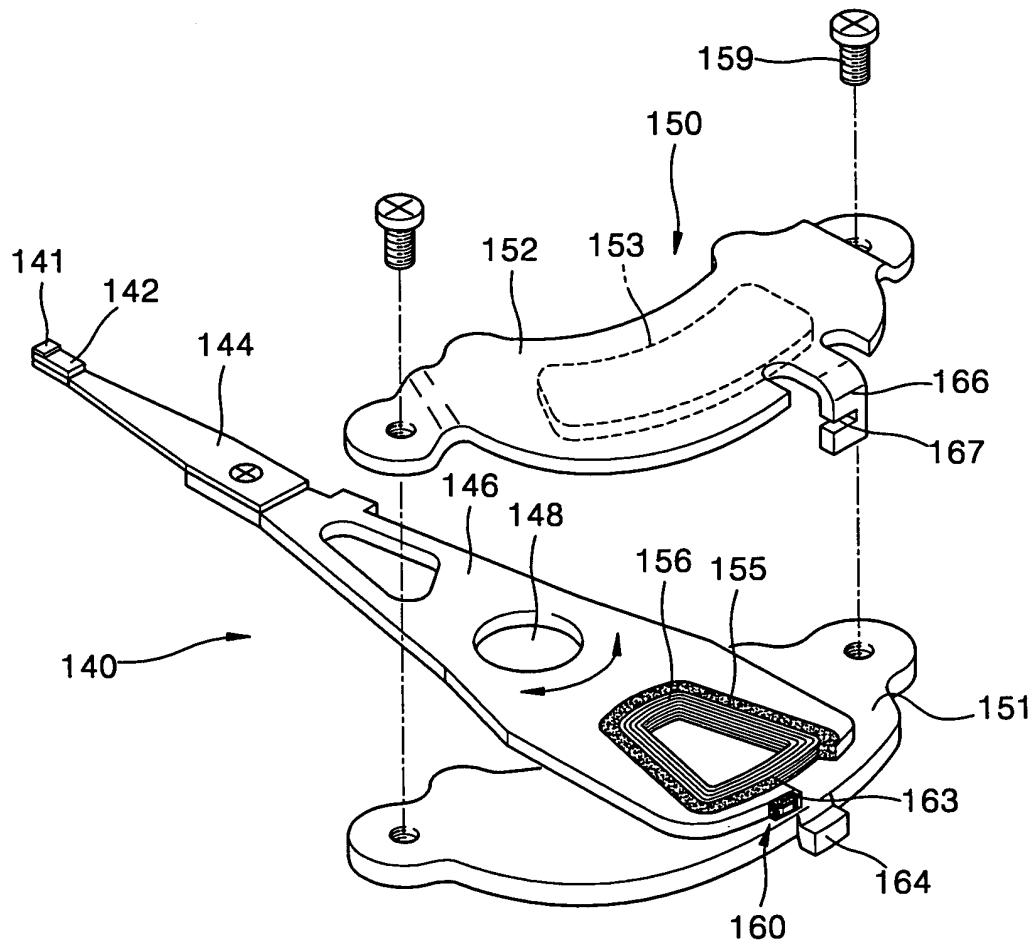


FIG. 7

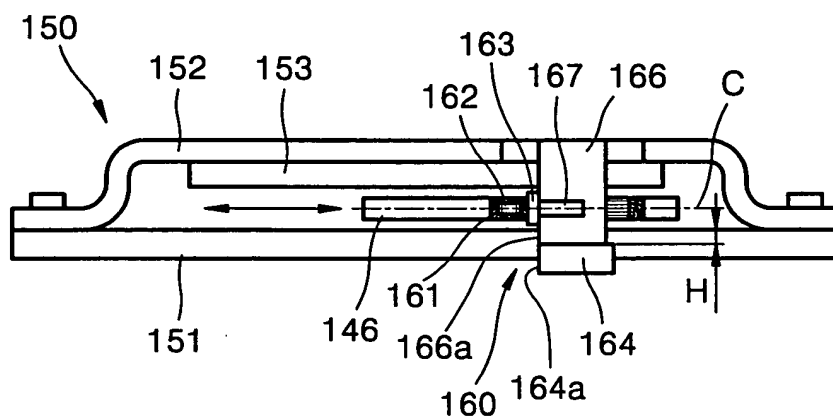


FIG. 8

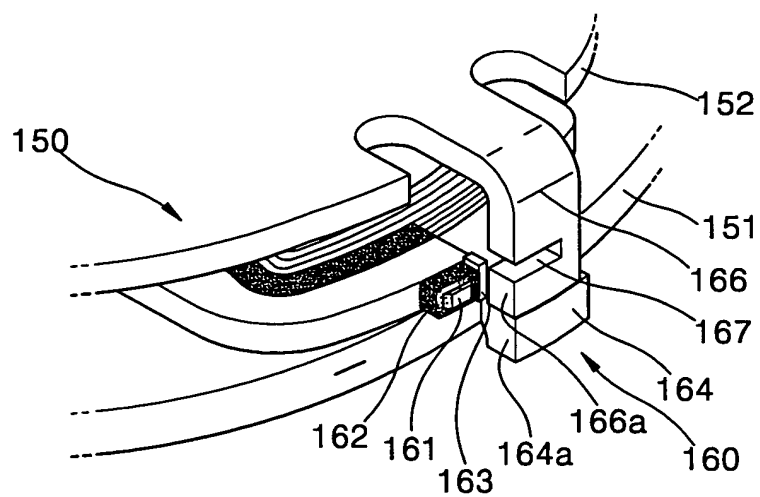


FIG. 9

